



3015 (02-09-04)

ANNUAL REPORT

OF

Name: SPRING VALLEY WATERWORKSPrincipal Office: VILLAGE HALL
SPRING VALLEY, WI 54767For the Year Ended: DECEMBER 31, 1998**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: SPRING VALLEY WATERWORKS

Utility Address: VILLAGE HALL
SPRING VALLEY, WI 54767

When was utility organized? 1/1/1900

Report any change in name:

Effective Date:

Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: LANCE J. GURNEY
Title: VILLAGE ADMINISTRATOR

Office Address:
VILLAGE HALL
SPRING VALLEY, WI 54767

Telephone: (715) 778 - 5635

Fax Number: (715) 778 - 5030

E-mail Address:

Individual or firm, if other than utility employee, preparing this report:

Name: THOMAS G. KORTAS CPA
Title:

Office Address: TRACEY & THOLE, S.C.
502 SECOND ST.
HUDSON, WI 54016

Telephone: (715) 386 - 2391

Fax Number: (715) 386 - 0535

E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

Individual or firm, if other than utility employee, auditing utility records:

Name: THOMAS G. KORTAS CPA
Title:

Office Address: TRACEY & THOLE, S.C.
502 SECOND ST.
HUDSON, WI 54016

Telephone: (715) 386 - 2391

Fax Number: (715) 386 - 0535

E-mail Address:

Date of most recent audit report: 2/2/1998

Period covered by most recent audit: 1997

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: MARSHA BRUNKHORST

Title: PRESIDENT

Office Address:

VILLAGE HALL
SPRING VALLEY, WI 54767

Telephone: (715) 778 - 5635

Fax Number: (715) 778 - 5030

E-mail Address:

Name of utility commission/committee: WATER UTILITY COMMITTEE

Names of members of utility commission/committee:

- MR EUGENE ANDERSON
- MS RITA GOVERONSKI
- MR ROBERT KINSMAN

Is sewer service rendered by the utility? NO

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance: [REDACTED]

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	129,417	126,151	1
Operating Expenses:			
Operation and Maintenance Expense (401)	47,639	39,835	2
Depreciation Expense (403)	29,187	23,976	3
Amortization Expense (404)	0	0	4
Taxes (408)	24,077	21,968	5
Total Operating Expenses	100,903	85,779	
Net Operating Income	28,514	40,372	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	28,514	40,372	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Nonoperating Rental Income (418)	0	0	8
Interest and Dividend Income (419)	0	243	9
Miscellaneous Nonoperating Income (421)	0	0	10
Total Other Income	0	243	
Total Income	28,514	40,615	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	11
Other Income Deductions (426)	0	0	12
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	28,514	40,615	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	20,584	24,573	13
Amortization of Debt Discount and Expense (428)	1,009	300	14
Amortization of Premium on Debt--Cr. (429)			15
Interest on Debt to Municipality (430)	0	0	16
Other Interest Expense (431)	0	0	17
Interest Charged to Construction--Cr. (432)			18
Total Interest Charges	21,593	24,873	
Net Income	6,921	15,742	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	133,446	117,704	19
Balance Transferred from Income (433)	6,921	15,742	20
Miscellaneous Credits to Surplus (434)	0	0	21
Miscellaneous Debits to Surplus--Debit (435)	0	0	22
Appropriations of Surplus--Debit (436)	0	0	23
Appropriations of Income to Municipal Funds--Debit (439)	0	0	24
Total Unappropriated Earned Surplus End of Year (216)	140,367	133,446	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
 2. Nonregulated sewer income should be reported as Miscellaneous Nonoperating Income, Account 421.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		2
Total (Acct. 413):	0	
Nonoperating Rental Income (418):		3
Total (Acct. 418):	0	
Interest and Dividend Income (419):		4
Total (Acct. 419):	0	
Miscellaneous Nonoperating Income (421):		5
Total (Acct. 421):	0	
Miscellaneous Amortization (425):		6
Total (Acct. 425):	0	
Other Income Deductions (426):		7
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		8
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		9
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		10
Detail appropriations to (from) account 215		
Total (Acct. 436)--Debit:	0	
Appropriations of Income to Municipal Funds (439):		11
Total (Acct. 439)--Debit:	0	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)					0	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll					0	3
Materials					0	4
Taxes					0	5
Other (list by major classes):					0	6
Total costs and expenses	0	0	0	0	0	
Net income (or loss)	0	0	0	0	0	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	129,417	0	0	0	129,417	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents					0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
.					0	6
Revenues subject to Wisconsin Remainder Assessment	129,417	0	0	0	129,417	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	1,914,411	1,888,429	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	136,659	107,469	2
Net Utility Plant	1,777,752	1,780,960	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	0	0	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	0	0	
Investment in Municipality (123)	0	0	5
Other Investments (124)	0	0	6
Special Funds (125)	0	0	7
Total Other Property and Investments	0	0	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	3,073	(2,701)	8
Temporary Cash Investments (132)			9
Notes Receivable (141)	0	0	10
Customer Accounts Receivable (142)	19,420	19,452	11
Other Accounts Receivable (143)	0	0	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	13
Receivables from Municipality (145)	0	6,590	14
Materials and Supplies (150)	3,548	3,229	15
Prepayments (165)	0	0	16
Other Current and Accrued Assets (170)			17
Total Current and Accrued Assets	26,041	26,570	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	1,720	2,729	18
Extraordinary Property Losses (182)	0	0	19
Other Deferred Debits (183)	0	0	20
Total Deferred Debits	1,720	2,729	
Total Assets and Other Debits	1,805,513	1,810,259	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	140,162	127,247	21
Appropriated Earned Surplus (215)			22
Unappropriated Earned Surplus (216)	140,367	133,446	23
Total Proprietary Capital	280,529	260,693	
LONG-TERM DEBT			
Bonds (221)	0		24
Advances from Municipality (223)	0	0	25
Other long-Term Debt (224)	425,856	461,942	26
Total Long-Term Debt	425,856	461,942	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	27
Accounts Payable (232)	1,108	1,014	28
Payables to Municipality (233)	0	0	29
Customer Deposits (235)			30
Taxes Accrued (236)	0	0	31
Interest Accrued (237)	10,787	11,898	32
Other Current and Accrued Liabilities (238)			33
Total Current and Accrued Liabilities	11,895	12,912	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	34
Customer Advances for Construction (252)			35
Other Deferred Credits (253)	0	0	36
Total Deferred Credits	0	0	
OPERATING RESERVES			
Miscellaneous Operating Reserves (265)			37
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	1,087,233	1,074,712	38
Total Liabilities and Other Credits	1,805,513	1,810,259	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (100)	1,914,411	0	0	0	1
Utility Plant Purchased or Sold (391)					2
Utility Plant in Process of Reclassification (392)					3
Utility Plant Leased to Others (393)					4
Property Held for Future Use (394)					5
Construction Work in Progress (395)					6
Utility Plant Acquisition Adjustments (396)					7
Other Utility Plant Adjustments (397)					8
Total Utility Plant	1,914,411	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	136,659	0	0	0	9
Total Accumulated Provision	136,659	0	0	0	
Net Utility Plant	1,777,752	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	107,469				107,469	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	29,187				29,187	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	533				533	6
Accruals charged other						7
accounts (specify):						8
					0	9
Salvage					0	10
Other credits (specify):						11
					0	12
Total credits	29,720	0	0	0	29,720	13
Debits during year						14
Book cost of plant retired	530				530	15
Cost of removal					0	16
Other debits (specify):						17
					0	18
Total debits	530	0	0	0	530	19
Balance End of Year	136,659	0	0	0	136,659	20
Composite Depreciation Rate?	Yes					21
If yes, what is the rate?	1.57%					22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
NONE	0			0	2
Total Nonutility Property (121)	0	0	0	0	
Less accum. prov. depr. & amort. (122)	0			0	3
Net Nonutility Property	0	0	0	0	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)
Balance first of year	0 1
Additions:	
Provision for uncollectibles during year	2
Collection of accounts previously written off: Utility Customers	3
Collection of accounts previously written off: Others	4
Total Additions	<u>0</u>
Deductions:	
Accounts written off during the year: Utility Customers	5
Accounts written off during the year: Others	6
Total accounts written off	<u>0</u>
Balance end of year	<u><u>0</u></u>

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)
Electric Utility						
Fuel for generation					0	0 1
Other					0	0 2
Total Electric Utility					<u>0</u>	<u>0</u>

Account	Total End of Year	Amount Prior Year
Electric utility total	0	0 1
Water utility	3,548	3,229 2
Sewer utility		0 3
Gas utility		0 4
Merchandise		0 5
Other materials & supplies		0 6
Total Materials and Supplies	<u>3,548</u>	<u>3,229</u>

**UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT
(ACCTS. 181 AND 251)**

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
\$235,000 Bond Anticipation Notes	1,009	428	1,720	1
Total			<u><u>1,720</u></u>	
Unamortized premium on debt (251)				
NONE				2
Total			<u><u>0</u></u>	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	127,247	1
Changes during year (explain):		
Plant additions financed by TID #2	12,915	2
Balance end of year	<u><u>140,162</u></u>	

BONDS (ACCT. 221)

- 1. Report hereunder information required for each separate issue of bonds.
- 2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
- 3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)
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NONE

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Other Long-Term Debt (224)					
\$235,000 Bond Anticipation Notes	09/15/1997	09/01/2000	5.00%	235,000	1
\$244,439 State Trust Fund Loan	06/09/1993	03/15/2003	5.00%	148,901	2
\$27,228 State Trust Fund Loan	05/05/1993	03/15/2003	5.00%	15,165	3
\$38,928 State Trust Fund Loan	06/30/1993	03/15/2002	5.00%	19,150	4
Special Assessments Payable	10/01/1992	10/01/2032	6.00%	4,444	5
\$15,000 State Trust Fund Loan	06/15/1994	03/15/1999	4.00%	3,196	6
Total for Account 224				425,856	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Accruals:		
Charged water department expense	24,077	2
Charged electric department expense		3
Charged sewer department expense	179	4
Other (explain):		
NONE		5
Total Accruals and other credits	<u>24,256</u>	
Taxes paid during year:		
County, state and local taxes	23,020	6
Social Security taxes	1,079	7
PSC Remainder Assessment	157	8
Other (explain):		
NONE		9
Total payments and other debits	<u>24,256</u>	
Balance end of year	<u><u>0</u></u>	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
NONE	0			0	1
Subtotal	0	0	0	0	
Advances from Municipality (223)					
NONE	0			0	2
Subtotal	0	0	0	0	
Other long-Term Debt (224)					
\$27,228 State Trust Fund Loan	704	786	890	600	3
\$244,439 State Trust Fund Loan	6,910	7,712	8,728	5,894	4
\$38,928 State Trust Fund Loan	926	1,001	1,169	758	5
\$15,000 State Trust Fund Loan	186	144	235	95	6
\$235,000 Bond Anticipation Notes	3,172	10,657	10,389	3,440	7
Special Assessments Payable	0	284	284	0	8
Subtotal	11,898	20,584	21,695	10,787	
Notes Payable (231)					
NONE	0			0	9
Subtotal	0	0	0	0	
Total	11,898	20,584	21,695	10,787	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	1,074,712	0	0	0	0	1,074,712	1
Add credits during year:							
For Services	800					800	2
For Mains	11,721					11,721	3
Other (specify):							
NONE						0	4
Deduct charges (specify):							
NONE						0	5
Balance End of Year	1,087,233	0	0	0	0	1,087,233	
Amount of federal and state grants in aid received for utility construction included in End of Year totals	812,952					812,952	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)		Balance End of Year (b)
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
NONE		2
Total (Acct. 124):	0	
Special Funds (125):		
NONE		3
Total (Acct. 125):	0	
Notes Receivable (141):		
NONE		4
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	19,420	5
Electric		6
Sewer (Regulated)		7
Other (specify):		
NONE		8
Total (Acct. 142):	19,420	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		9
Merchandising, jobbing and contract work		10
Other (specify):		
NONE		11
Total (Acct. 143):	0	
Receivables from Municipality (145):		
NONE		12
Total (Acct. 145):	0	
Prepayments (165):		
NONE		13
Total (Acct. 165):	0	
Extraordinary Property Losses (182):		
NONE		14
Total (Acct. 182):	0	
Other Deferred Debits (183):		
NONE		15
Total (Acct. 183):	0	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)
<hr/>	
Payables to Municipality (233):	
NONE	16
Total (Acct. 233):	0
<hr/>	
Other Deferred Credits (253):	
NONE	17
Total (Acct. 253):	0

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	1,901,420	0	0	0	1,901,420	1
Materials and Supplies	3,388	0	0	0	3,388	2
Other (specify):					0	3
Less Average:						
Reserve for Depreciation	122,064	0	0	0	122,064	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	1,080,972	0	0	0	1,080,972	6
Other (specify):					0	7
Average Net Rate Base	701,772	0	0	0	701,772	
Net Operating Income	28,514	0	0	0	28,514	8
Net Operating Income as a percent of Average Net Rate Base	4.06%	N/A	N/A	N/A	4.06%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	133,704	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	136,906	3
Other (Specify):		4
Total Average Proprietary Capital	270,610	
Net Income		
Net Income	6,921	5
Percent Return on Proprietary Capital	2.56%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

None

2. Leaseholder changes.

None

3. Extensions of service.

None

4. Estimated changes in revenues due to rate changes.

None

5. Obligations incurred or assumed, excluding commercial paper.

None

6. Formal proceedings with the Public Service Commission.

None

7. Any additional matters.

None

FINANCIAL SECTION FOOTNOTES

Identification and Ownership (Page iv)

May 20, 1999

Mr. Lance J. Gurney, Village Administrator
Spring Valley Waterworks
Village Hall
P.O. Box 276
Spring Valley, WI 54767-0276

1998 Analytical Review DWCCA-5650-PJL

Dear Mr. Gurney:

The Public Service Commission has completed their analytical review of your 1998 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report.

In the future, please provide explanations for significant changes in the expense accounts as directed in the headnotes for the Water Operation & Maintenance Expenses schedule on page W-5.

Thank you for your efforts in preparing your 1998 annual report. You may consider our review closed. If you have any questions, please feel free to contact me at (608) 267-9198.

Sincerely,

Peter J. Leege
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

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WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	127,468	1
Total Sales of Water	127,468	
Other Operating Revenues		
Forfeited Discounts (470)	520	2
Other Water Revenues (474)	1,429	3
Amortization of Construction Grants (475)	0	4
Total Other Operating Revenues	1,949	
Total Operating Revenues	129,417	
Operation and Maintenance Expenses		
Plant Operation and Maintenance Expenses (600-660)	31,117	5
General Operating Expenses (680-690)	16,522	6
Total Operation and Maintenance Expenses	47,639	
Other Operating Expenses		
Depreciation Expense (403)	29,187	7
Amortization Expense (404)		8
Taxes (408)	24,077	9
Total Other Operating Expenses	53,264	
Total Operating Expenses	100,903	
NET OPERATING INCOME	28,514	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential	1	20	85	1
Commercial	2	40	172	2
Industrial				3
Total Unmetered Sales to General Customers (460)	3	60	257	
Metered Sales to General Customers (461)				
Residential	327	17,907	45,988	4
Commercial	67	8,029	14,693	5
Industrial	7	280	814	6
Total Metered Sales to General Customers (461)	401	26,216	61,495	
Private Fire Protection Service (462)	3		900	7
Public Fire Protection Service (463)	1		54,613	8
Other Sales to Public Authorities (464)	12	5,918	10,203	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
Total Sales of Water	420	32,194	127,468	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)
------------------------------	----------------------------------	--	-------------------------

NONE

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	54,613	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	54,613	
Forfeited Discounts (470):		
Customer late payment charges	520	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	520	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	634	7
Other (specify):		
Hook-up fees and other miscellaneous revenue	795	8
Total Other Water Revenues (474)	1,429	
Amortization of Construction Grants (475):		
NONE		9
Total Amortization of Construction Grants (475)	0	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 30 percent, but not less than \$2,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
PLANT OPERATION AND MAINTENANCE EXPENSES		
Salaries and Wages (600)	13,929	1
Purchased Water (610)		2
Fuel or Power Purchased for Pumping (620)	5,542	3
Chemicals (630)	3,496	4
Supplies and Expenses (640)	2,538	5
Repairs of Water Plant (650)	5,354	6
Transportation Expenses (660)	258	7
Total Plant Operation and Maintenance Expenses	31,117	
 GENERAL OPERATING EXPENSES		
Administrative and General Salaries (680)	5,400	8
Office Supplies and Expenses (681)	2,061	9
Outside Services Employed (682)	2,868	10
Insurance Expense (684)	3,200	11
Employees Pensions and Benefits (686)	2,067	12
Regulatory Commission Expenses (688)		13
Miscellaneous General Expenses (689)	926	14
Uncollectible Accounts (690)		15
Total General Operating Expenses	16,522	
 Total Operation and Maintenance Expenses	47,639	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		23,020	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		179	2
Net property tax equivalent		22,841	
Social Security		1,079	3
PSC Remainder Assessment		157	4
Other (specify): NONE			5
Total tax expense		<u>24,077</u>	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Pierce				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.207978				3
County tax rate	mills		5.530051				4
Local tax rate	mills		4.658531				5
School tax rate	mills		13.035277				6
Voc. school tax rate	mills		1.790785				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		25.222622				10
Less: state credit	mills		2.052722				11
Net tax rate	mills		23.169900				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		4.658531				14
Combined School Tax Rate	mills		14.826062				15
Other Tax Rate - Local	mills		0.000000				16
Total Local & School Tax	mills		19.484593				17
Total Tax Rate	mills		25.222622				18
Ratio of Local and School Tax to Total	dec.		0.772505				19
Total tax net of state credit	mills		23.169900				20
Net Local and School Tax Rate	mills		17.898856				21
Utility Plant, Jan. 1	\$	1,888,429	1,888,429				22
Materials & Supplies	\$	3,229	3,229				23
Subtotal	\$	1,891,658	1,891,658				24
Less: Plant Outside Limits	\$	0	0				25
Taxable Assets	\$	1,891,658	1,891,658				26
Assessment Ratio	dec.		0.962500				27
Assessed Value	\$	1,820,721	1,820,721				28
Net Local & School Rate	mills		17.898856				29
Tax Equiv. Computed for Current Year	\$	32,589	32,589				30
Tax Equivalent per 1994 PSC Report	\$	10,701					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$	23,020					32 33
Tax equiv. for current year (see note 6)	\$	23,020					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	700		4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	0		6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	5,338		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	1,404		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	7,442	0	
PUMPING PLANT			
Land and Land Rights (320)	0		12
Structures and Improvements (321)	5,160		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	40,865		17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	3,750		20
Total Pumping Plant	49,775	0	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	3,010		23
Total Water Treatment Plant	3,010	0	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	7,771		24
Structures and Improvements (341)	36,929		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
INTANGIBLE PLANT			
Organization (301)			0 1
Franchises and Consents (302)			0 2
Miscellaneous Intangible Plant (303)			0 3
Total Intangible Plant	0	0	0
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)			700 4
Structures and Improvements (311)			0 5
Collecting and Impounding Reservoirs (312)			0 6
Lake, River and Other Intakes (313)			0 7
Wells and Springs (314)			5,338 8
Infiltration Galleries and Tunnels (315)			0 9
Supply Mains (316)			1,404 10
Other Water Source Plant (317)			0 11
Total Source of Supply Plant	0	0	7,442
PUMPING PLANT			
Land and Land Rights (320)			0 12
Structures and Improvements (321)			5,160 13
Boiler Plant Equipment (322)			0 14
Other Power Production Equipment (323)			0 15
Steam Pumping Equipment (324)			0 16
Electric Pumping Equipment (325)			40,865 17
Diesel Pumping Equipment (326)			0 18
Hydraulic Pumping Equipment (327)			0 19
Other Pumping Equipment (328)			3,750 20
Total Pumping Plant	0	0	49,775
WATER TREATMENT PLANT			
Land and Land Rights (330)			0 21
Structures and Improvements (331)			0 22
Water Treatment Equipment (332)			3,010 23
Total Water Treatment Plant	0	0	3,010
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)			7,771 24
Structures and Improvements (341)			36,929 25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$10,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than account 372.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	273,310		26
Transmission and Distribution Mains (343)	1,212,770	24,636	27
Fire Mains (344)	0		28
Services (345)	123,904	1,290	29
Meters (346)	20,122		30
Hydrants (348)	150,913		31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	1,825,719	25,926	
GENERAL PLANT			
Land and Land Rights (370)	0		33
Structures and Improvements (371)	0		34
Office Furniture and Equipment (372)	0		35
Computer Equipment (372.1)	1,665		36
Transportation Equipment (373)	0		37
Other General Equipment (379)	818	586	38
Other Tangible Property (390)	0		39
Total General Plant	2,483	586	
Total utility plant in service directly assignable	1,888,429	26,512	
Common Utility Plant Allocated to Water Department	0		40
Total utility plant in service	1,888,429	26,512	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)			273,310 26
Transmission and Distribution Mains (343)			1,237,406 27
Fire Mains (344)			0 28
Services (345)	450		124,744 29
Meters (346)	80		20,042 30
Hydrants (348)			150,913 31
Other Transmission and Distribution Plant (349)			0 32
Total Transmission and Distribution Plant	530	0	1,851,115
GENERAL PLANT			
Land and Land Rights (370)			0 33
Structures and Improvements (371)			0 34
Office Furniture and Equipment (372)			0 35
Computer Equipment (372.1)			1,665 36
Transportation Equipment (373)			0 37
Other General Equipment (379)			1,404 38
Other Tangible Property (390)			0 39
Total General Plant	0	0	3,069
Total utility plant in service directly assignable	530	0	1,914,411
Common Utility Plant Allocated to Water Department			0 40
Total utility plant in service	530	0	1,914,411

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January			3,558	3,558	1
February			3,229	3,229	2
March			3,398	3,398	3
April			3,231	3,231	4
May			3,739	3,739	5
June			3,272	3,272	6
July			4,092	4,092	7
August			4,140	4,140	8
September			3,863	3,863	9
October			3,636	3,636	10
November			3,201	3,201	11
December			3,296	3,296	12
Total for year	0	0	42,655	42,655	
Less: Measured or estimated water used in main flushing and water treatment during year				1,450	13
Less: Other utility use					14
Other utility use explanation:					15
Water pumped into distribution system				41,205	16
Less: Water sold				32,194	17
Losses and unaccounted for				9,011	18
Percent unaccounted for to the nearest whole percent (%)				22%	19
If more than 25%, indicate causes and state what action has been taken to reduce water loss:					20
Maximum gallons pumped by all methods in any one day during reporting year				221	21
Date of maximum: 5/20/1998					22
Cause of maximum:					23
Filling swimming pool					
Minimum gallons pumped by all methods in any one day during reporting year				53	24
Date of minimum: 11/15/1998					25
Total KWH used for pumping for the year				58,244	26
If water is purchased: Vendor Name:					27
Point of Delivery:					28

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
SUBMERSIBLE PUMP 6" CASING	2	120	6	28,800	Yes	1
DEEP WELL TURBINE	3	377	12	29,520	Yes	2

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes			
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)
NONE				

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	NO. 2	NO. 3		1
Location	NO. 2 WELL	WELL NO. 3		2
Purpose	P	P		3
Destination	D	D		4
Pump Manufacturer	FRANKLIN	CRANE		5
Year Installed	1991	1993		6
Type	SUBMERSIBLE	VERTICAL TURBINE		7
Actual Capacity (gpm)	210	220		8
Pump Motor or Standby Engine Mfr	FRANKLIN	GENERAL ELECTRIC.		9 10
Year Installed	1991	1993		11
Type	ELECTRIC	ELECTRIC		12
Horsepower	20	20		13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				14
Location				15
Purpose				16
Destination				17
Pump Manufacturer				18
Year Installed				19
Type				20
Actual Capacity (gpm)				21
Pump Motor or Standby Engine Mfr				22 23
Year Installed				24
Type				25
Horsepower				26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	NO. 2	NO. 3		1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	ET		3
Year constructed	1954	1993		4
Primary material (earthen, steel, concrete, other)	CONCRETE	STEEL		5
Elevation difference in feet (See Headnote 3.)	15	150		6
Total capacity in gallons	65,000	100,000		7
WATER TREATMENT PLANT				8
Disinfection, type of equipment (gas, liquid, powder, other)	LIQUID	LIQUID		9
Points of application (wellhouse, central facilities, booster station, other)	WELLHOUSE	WELLHOUSE		10
Filters, type (gravity, pressure, other, none)	NONE	NONE		11
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)	0.5000	0.5000		12
Is a corrosion control chemical used (yes, no)?	N	N		13
Is water fluoridated (yes, no)?	Y	Y		14

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If the assessments are deferred, explain.

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	1.500	300	0	0	0	300	1
P	D	1.750	134	0	0	0	134	2
M	D	2.000	110	0	0	0	110	3
M	D	3.000	243	0	0	0	243	4
M	D	4.000	200	0	0	0	200	5
M	D	6.000	20,517	0	0	0	20,517	6
P	D	6.000	5,003	0	0	0	5,003	7
M	D	8.000	12,933	0	0	0	12,933	8
P	D	8.000	5,261	0	0	0	5,261	9
P	D	10.000	4,216	0	0	0	4,216	10
M	D	12.000	2,336	0	0	0	2,336	11
Total Within Municipality			51,253	0	0	0	51,253	
Total Utility			51,253	0	0	0	51,253	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
 - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	342	0	2	0	340		1
M	1.000	47	4	0	0	51		2
M	1.500	2	0	0	0	2		3
P	1.500	1	0	0	0	1		4
M	2.000	3	0	0	0	3		5
M	4.000	3	0	0	0	3		6
M	6.000	1	0	0	0	1		7
Total Utility		399	4	2	0	401	0	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (a).

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	397	0	2	0	395	50	1
0.750	1	0	0	0	1	0	2
1.000	9	0	0	0	9	0	3
1.500	4	0	0	0	4	0	4
2.000	8	0	0	0	8	0	5
3.000	1	0	0	0	1	0	6
Total:	420	0	2	0	418	50	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	316	58	7	6	5	3	395	1
0.750	0	0	0	1	0	0	1	2
1.000	0	9	0	0	0	0	9	3
1.500	0	3	0	1	0	0	4	4
2.000	0	1	0	6	0	1	8	5
3.000	0	0	0	1	0	0	1	6
Total:	316	71	7	15	5	4	418	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
 - a. Fire hydrants normally have a lead size of 6 inches or greater.
 - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	0				0	1
Within Municipality	101				101	2
Total Fire Hydrants	101	0	0	0	101	
Flushing Hydrants						
	1				1	3
Total Flushing Hydrants	1	0	0	0	1	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year:	101
Number of distribution system valves end of year:	180
Number of distribution valves operated during year:	130

WATER OPERATING SECTION FOOTNOTES

Property Tax Equivalent (Water) (Page W-07)

Municipality authorized tax equivalent of \$23,020 per annual budget.

Water Utility Plant in Service (Page W-08)

Transmission and distribution mains (343) - Final costs associated with 1997 construction projects. Additions reported on page W-14 in 1997.

Water Services (Page W-16)

New services financed in accordance with Cz-1.
